

Hyprom-G™ PP-HP45

Polypropylene Homopolymer

Entec Polymers

Message:

Homopolymer, 45 Melt Flow

This product meets the requirements of the US Food and Drug Administration as specified in 21 CFR 177.1520.

General Information			
Features	Homopolymer		
Agency Ratings	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	45	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	40.2	MPa	ASTM D638
Tensile Elongation (Break)	> 300	%	ASTM D638
Flexural Modulus - 1% Secant	1960	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	27	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	130	°C	ASTM D648

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